Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 01 Jan 2023 until 23:59 on Monday 02 Jan 2023

Forecast Issued on Saturday 31 Dec 2022 at 16:28

Confidence: High for a generally unsettled, mild start to the New Year, and for best conditions likely to be on Monday, but lower for details regarding cloud and timing of precipitation

Headline for Sunday 01 Jan 2023: Brief sunny spells and showers. Southwesterly winds slowly easing

Mountain weather hazards on Sunday 01 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Light rain showers	Light rain showers	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	10%	20%	30%	40%	30%	10%	<05%

Forecast for Sunday 01 Jan 2023

Weather: Clear spells and a few showers through the early hours. Then a mix of brief sunny spells and showers, the showers may be heavy at times. The showers are expected to become fewer and further between through the evening.

Chance of cloud-free hill tops above 600m: Around 60%.

Low cloud and visibility: Occasional or periods of cloud above about 450-600m. Away from cloud visibility generally good or very good falling to several kilometres in heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 01 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/39 SW	28/38 SW	27/37 SW	26/36 SW	27/38 SW	23/35 SW	21/31 SW	21/31 SW	19/27 SW
300	22/32 SW	21/31 SW	20/29 SW	19/28 SW	21/32 SW	17/28 SW	15/25 SW	13/23 SW	12/21 SW
Valley	14/31 SW	13/28 SW	12/27 SW	13/28 S	13/30 SW	12/27 SW	10/23 SW	10/22 SW	8/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-3	3/-4	3/-4	4/-2	4/-2	3/-3	2/-4	1/-5
300	7/2	6/1	5/0	5/1	7/2	6/2	6/2	5/0	4/-1
Valley	7/3	6/3	6/2	6/2	7/4	7/3	6/3	5/2	4/1
Freezing Level*	1200m	1100m	1100m	1100m	1100m	1100m	1000m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph over higher peaks through the early hours.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 31 Dec 2022	11.4mm	13.8mm	20.2mm

Forecast for Monday 02 Jan 2023

Weather: Dry with long clear spells overnight. Then a bright and dry day with some good spells of sunshine, especially in afternoon. Remaining dry through the evening with clear spells.

Maximum wind: Westerly 15mph gradually backing southerly or southeasterly 10mph, increasing 15mph towards midnight.

Chance of cloud-free hill tops above 600m: Around 75% at first becoming close to 100% by midday.

Low cloud and visibility: Occasional cloud above about 450-600m lifting above summits by midday. Otherwise visibility very good.

Temperature: **Valleys:** Close to zero at dawn rising to plus 5 or 6 Celsius by day.
At 600m: Around zero Celsius
Freezing level: Around 600m

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